

Title (en)
Sponson of fan platform

Title (de)
Plattformflosse eines Gebläses

Title (fr)
Nageoire de plateforme de soufflante

Publication
EP 1916385 B1 20091209 (FR)

Application
EP 07118695 A 20071017

Priority
FR 0654393 A 20061020

Abstract (en)
[origin: EP1916385A1] At least one rib (50), forged into a fan platform (40) and protruding into the space (38) between blades (30) on the platform, aids in compressing the air of the primary stream (F). The rib extends up to 40 percent that is furthest downstream of the flow direction of the primary stream.

IPC 8 full level
F01D 5/14 (2006.01); **F02K 3/06** (2006.01)

CPC (source: EP US)
F01D 5/143 (2013.01 - EP US); **F01D 5/145** (2013.01 - EP US); **F01D 5/146** (2013.01 - EP US); **F01D 5/22** (2013.01 - EP US);
F02K 3/06 (2013.01 - EP US); **F04D 29/681** (2013.01 - EP); **F05D 2220/326** (2013.01 - EP US); **F05D 2220/327** (2013.01 - EP US);
F05D 2240/80 (2013.01 - EP US)

Cited by
EP2194232A3; US2018017019A1; FR2938871A1; FR3068385A1; US10605117B2; WO2018084902A1; EP2194232A2; US8591176B2

Designated contracting state (EPC)
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CN 101165355 B 20120125; DE 602007003661 D1 20100121; FR 2907519 A1 20080425; FR 2907519 B1 20111216; IL 186610 A0 20080120;
JP 2008101619 A 20080501; JP 5145007 B2 20130213; RU 2007138943 A 20090427; RU 2456458 C2 20120720; US 2008095614 A1 20080424;
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IL 18661007 A 20071011; JP 2007267661 A 20071015; RU 2007138943 A 20071019; US 86918007 A 20071009